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**DATE:** July 6, 2005  
**OUR REFERENCE:** UMJ-116-D (UM-2172p2)  
**TO:** USPTO  
 Attn: Examiner Thuan D. Dang/Art Unit 1764  
**FAX NO.:** 703-872-9306  
**FROM:** Julia Church Dierker  
**RE:** U.S. Patent Application No. 10/613,131  
**PAGES TO FOLLOW:** -7-  
**MESSAGE:** Certificate of Facsimile Transmission; Supplemental  
 Communication; and Declaration pursuant to 37 CFR 1.132  
 are attached.

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Our Reference: UMJ-116-D (UM-2172p2)

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ralph T. Yang et al.

Serial No. 10/613,131

Filing Date: July 3, 2003

Examiner/Art Group: Thuan D. Dang/1764

Title: SELECTIVE SORBENTS FOR PURIFICATION OF HYDROCARBONS

CERTIFICATE OF FACSIMILE TRANSMISSION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted with this document are a Supplemental Communication and a Declaration pursuant to 37 CFR 1.132 in the above-identified application.

No additional fees are required.

Please charge any deficiency or credit any excess in the enclosed fees to Deposit Account Number 50-2100.

I hereby certify that this correspondence is being transmitted, via facsimile, to the Commissioner for Patents, Attn: Examiner Thuan D. Dang, facsimile no. (703) 872-9306 on July 6, 2005.



Julia Church Dierker  
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Our Reference: UMJ-116-D (UM-2172 p2)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Ralph T. Yang et al.  
Serial Number: 10/613,131  
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Title: SELECTIVE SORBENTS FOR PURIFICATION OF HYDROCARBONS

SUPPLEMENTAL COMMUNICATION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Entry of this Supplemental Communication is respectfully requested.

UMJ-116-D (UM 2171p2)

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## REMARKS

Submitted herewith is a Declaration pursuant to 37 CFR 1.132, which presents evidence that Michlmayr does not teach or suggest the dehydrated adsorbent as defined in Applicants' claims 1-20. The evidence set forth in the Declaration shows that the non-dehydrated sorbent of Michlmayr has an adsorption capacity orders of magnitude less than that of the dehydrated sorbents as defined in Applicants' pending claims.

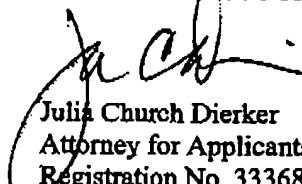
As such, it is submitted that Applicants' invention as defined in claims 1-20 is not anticipated, taught or rendered obvious by Michlmayr, either alone or in combination, and patentably defines over the art of record.

In summary, claims 1-20 remain in the application. It is submitted that, through this Supplemental Communication, Applicants' invention as set forth in these claims is now in a condition suitable for allowance.

Further and favorable consideration is requested. If the Examiner believes it would expedite prosecution of the above-identified application, he is cordially invited to contact Applicants' Attorney at the below-listed telephone number.

Respectfully submitted,

DIERKER & ASSOCIATES, P.C.



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Dated: July 6, 2005  
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